

Mouse Monoclonal Antibody to human IgG

| | |
|--------------------------------|---|
| Catalogue Number | sAP-0002 |
| Target Molecule | <p>Name: human IgG</p> <p>Aliases: N/A</p> <p>MW: 50kDa</p> <p>Entrez Gene ID: N/A</p> |
| Description | <p>Monoclonal anti-human IgG is derived from the hybridoma1 produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse. It is specific for the whole human IgG molecule, has no cross action with human IgM molecule as determined by an ELISA. Reactivity is observed with all human IgG subclasses but not with the Fab fragment of human IgG, the antibody site is located in the terminal end of human IgG (part of the Fab fragment), the Fc portion has various important functions such as complement fixation, site for rheumatoid factor.</p> |
| Immunogen | Human IgG was isolated from human sera and purified by chromatography. |
| Reactive Species | Human |
| Clone | MM4D2D9G8; |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide. |
| Reconstitution/Storages | Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage |
| Applications | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | <p>1. Roitt, I, et al "Immunology", Mosby, London, England, (1996) fourth edition. ; 2. Vlug, A. et al "The structure and function of human IgG subclasses". Eur.Clin.Lab. 8, 26 (1989). ;</p> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**